



App. No. 10/705,857
Amend. dated March 2, 2006
Resp. to Office Action of Dec. 2, 2005

ABSTRACT OF THE DISCLOSURE

Carbon black pellets and method of making with an oil absorption number greater than 100 ml/100 g and an oil absorption number of the pressed carbon black greater than 78 ml/100 g, where the pellet fraction with a diameter greater than 2.5 mm is less than 3.5 wt%, the pellet fraction with a diameter of 0.71-1.0 mm is greater than 22 wt%, and the individual pellet hardness of the fraction with the 0.71-1.0 mm diameter is between 7.0 and 25.0 g. Carbon black pellets with an oil absorption number less than 90 ml/100 g, and an oil absorption number of the pressed carbon black less than 78 ml/100 g, where the pellet fraction with a diameter of 0.71-1.0 mm is less than 30 wt% and the individual pellet hardness of the fraction with the 0.71-1.0 mm diameter is between 7.0 and 25.0 g.